

Listing of the Claims

1 Claim 1 (Currently Amended). A telephone controller that controls plural
2 telephone sets via LAN connected to the Internet, comprising:

3 a receiver that receives a message sent via LAN by one of the telephone
4 sets for requesting an IP address be allocated for the requesting telephone set;

5 a control circuit that generates an ID and an extension of ~~one of the~~
6 requesting telephone sets set in case the message for requesting the IP address is
7 received;

8 an IP address allocation circuit that allocates the IP address of ~~one of the~~
9 requesting telephone sets set;

10 a table that stores an ID, an extension and the IP address; and

11 a notifying unit that notifies ~~one of the~~ requesting telephone sets set of the
12 ID, the extension and the IP address for the requesting telephone set.

1 Claim 2 (Currently Amended). A telephone controller according to Claim 1,
2 wherein the requesting telephone has a user name and:

3 when its the extension or its the user name of the requesting telephone is
4 included in the message for requesting the IP address, and the control circuit
5 generates its the ID for the requesting telephone set based on the extension or the
6 user name.

1 Claim 3 (original). A telephone controller according to Claim 1, wherein:

2 the ID is composed of the domain name of the telephone controller, the
3 extension and the user name.

1 Claim 4 (Currently Amended). A telephone communication system composed of
2 LAN connected to the Internet, a telephone controller and plural telephone sets
3 that mutually communicate ~~via~~ via the LAN, wherein:

4 one of the telephone sets is provided with a transmitter that transmits via
5 LAN a message for requesting an IP address be allocated for the requesting
6 telephone set to the telephone controller; and

7 the telephone controller is composed of a receiver that receives the
8 message for requesting the IP address be allocated for the requesting telephone set,
9 a control circuit that generates an ID and an extension of ~~one of the~~ requesting
10 telephone ~~sets~~ set in case the message for requesting the IP address is received, an
11 IP address allocation circuit that allocates the IP address of ~~one of the~~ requesting
12 telephone ~~sets~~ set, a table that stores an ID, an extension and the IP address and a
13 notifying unit that notifies ~~one of the~~ requesting telephone ~~sets~~ set of the ID, the
14 extension and the IP address for the requesting telephone set.

1 Claim 5 (Previously Presented). A telephone communication system according to
2 claim 4, wherein the telephone controller:

3 when its extension or its user name is included in the message for
4 requesting the IP address, the control circuit generates its ID based upon the
5 extension or the user name.

1 Claim 6 (Currently amended). A telephone communication system according to
2 claim 4, wherein the telephone controller has an Internet domain name and:

3 the ID of the requesting telephone set is composed of the domain name of
4 the telephone controller, the extension of the requesting telephone set and the user
5 name.

1 Claim 7 (Previously Presented). A telephone communication system according to
2 Claim 4, wherein telephone controller:

3 in case a connection request message is sent from one of the telephone
4 sets, the control circuit acquires an IP address corresponding to ID by retrieving
5 the table using the ID included in the connection request message and notifies a
6 telephone set to which the IP address is allocated of call incoming.

1 Claim 8 (New). A telephone controller according to claim 1, wherein a user who
2 is not required to have knowledge of IP and LAN connects the requesting
3 telephone set to the LAN and the requesting telephone set automatically acquires
4 an ID, an IP address and an extension for the requesting telephone set.

1 Claim 9. (New) A telephone communication system according to claim 4, wherein
2 a user who is not required to have knowledge of IP and LAN connects the
3 requesting telephone set to the LAN and the requesting telephone set
4 automatically acquires an ID, an IP address and an extension for the requesting
5 telephone set.

1 Claim 10. (New) A telephone controller according to claim 1, wherein different
2 user names are assigned to the extension.

1 Claim 11. (New) A telephone communication system according to claim 4,
2 wherein different user names are assigned to the extension.